

PYQSide

JEE MAIN CLASSIFICATION OF ELEMENTS AND PERIODICITY IN PROPERTIES — NATURE OF OXIDES — PYQS

Max. Marks: 8

Questions: 2

Section A (MCQ)

Q.1 Given below are two statements :

Statement-I: The number of pairs among $[\text{Al}_2\text{O}_3, \text{Cr}_2\text{O}_3]$, $[\text{Cl}_2\text{O}_7, \text{Mn}_2\text{O}_7]$, $[\text{Na}_2\text{O}, \text{V}_2\text{O}_3]$ and $[\text{CO}, \text{N}_2\text{O}]$ that contain oxides of same nature (acidic, basic, neutral or amphoteric) is 4.

Statement-II: Among Na_2O , Al_2O_3 , CO and Cl_2O_7 , the most basic and acidic oxides are Na_2O and Cl_2O_7 , respectively.

In the light of the above statements, choose the correct answer from the options given below :

[JEE Main 2026 (Online) 5th April Evening Shift]

- (1) Both Statement-I and Statement-II are true
- (2) Both Statement-I and Statement-II are false
- (3) Statement-I is true but Statement-II is false
- (4) Statement-I is false but Statement-II is true

Scan or tap for the full solution



Q.2 The correct set that contains all kinds (basic, acidic, amphoteric and neutral) of oxides is :

[JEE Main 2026 (Online) 2nd April Evening Shift]

- (1) Na_2O , K_2O , Al_2O_3 and As_2O_3
- (2) Al_2O_3 , As_2O_3 , CO and NO
- (3) K_2O , Cl_2O_7 , As_2O_3 and NO
- (4) Na_2O , N_2O , Al_2O_3 and CO

Scan or tap for the full solution



ANSWER KEY

Ques.	1	2									
Ans.	1	3									